USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: February 6, 2006

~~Mr. Ron Waller~~ Mr. Dave Liagre
U.S. Army Corps of Engineers
Louisville District
P.O. Box 59
Attn: ORLOR-R/Ron Waller
Louisville, KY 40201

Dear Mr. Waller:

Summaries of the 1983-2005 gypsy moth trapping program conducted at four Army Corps of Engineers sites within the Louisville District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations at each site (Figures 1a-1d). The purpose of the trapping program is to monitor low-level gypsy moth populations and to help determine when more intensive survey methods should be employed.

West Fork Lake trapped one male gypsy moth. Total trap catch at Clarence J Brown Dam increased from 17 moths in 2004 to 96 moths in 2005. Zero gypsy moths were trapped at Caesar Creek Lake and William Harsha Lake. Based on these results, gypsy moth populations will not impact the forest resources at these Corps sites in the immediate future.

Also enclosed are Figures 2a-2d which show the 2005 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each Figure show close-ups of the STS results in relation to the four Corps site properties. Under the management strategies of the STS program, several gypsy moth treatment blocks have been proposed for the spring of 2006 in the vicinity of Clarence J Brown Dam. For more information regarding the STS program, visit http://www.gmsts.org.

It is important for Corps personnel to look for other gypsy moth life stages while performing their normal duties. Visit our GM web site located at http://www.na.fs.fed.us/fhp/gm/index.shtm for publications that are helpful in identifying the different gypsy moth life stages.

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We would like to continue the trapping program at the same intensity in 2006. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

JOHN W. HAZEL
Field Representative
Morgantown Field Office

Enclosures

Cc: Noel Schneeberger, AO
John P. Hearn, Caesar Creek Lake
Brian Menker, Clarence J. Brown Dam
Steve Lee, Miami River Area
Steve Shulte, West Fork Lake
David Zagurney, William Harsha Lake
Dave Adkins, OHDA

JWH/KDF/blm

Figure 1.- - Summary of the 1983-2005 gypsy moth trapping results, Louisville District, U.S. Army Corps of Engineers

Caesar Creek Lake (Warren and Clinton Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	19	0	- -
1986	19	0	- -
1987	19	0	- -
1988	19	0	- -
1989	19	0	- -
1990	19	0	- -
1991	15	0	- -
1992	15	1	# 2
1993	15	0	- -
1994	14	0	- -
1995	14	1	# 11
1996	15	0	- -
1997	14	1	# 5
1998	13	0	--
1999	14	6	#1, 5, 8, 12
2000	14	19	#3, 4, 6, 7, 10, 11-14
2001	14	10	#1, 3-8, 10, 12, 14
2002	14	0	--
2003	14	1	# 4
2004	14	0	--
2005	14	0	--

Clarence J. Brown (Clark County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984	10	0	- -
1985	10	0	- -
1986	10	0	- -
1987	10	0	- -
1988	10	0	- -
1989	10	0	- -
1990	10	4	# 2, 3, 4
1991	10	0	- -
1992	10	0	- -
1993	10	1	# 9
1994	13	0	- -
1995	13	1	# 11
1996	13	0	- -
1997	13	23	# 2-5, 7, 10-13
1998	13	7	# 3, 9, 11, 13
1999	13	25	All except # 2, 3
2000	13	9	#4, 8, 9, 11, 12
2001	13	2	# 4, 9
2002	13	1	# 2
2003	13	3	# 5, 8, 13
2004	13	17	# 1,2,4,6,7,10, 12, 13
2005	14	96	All

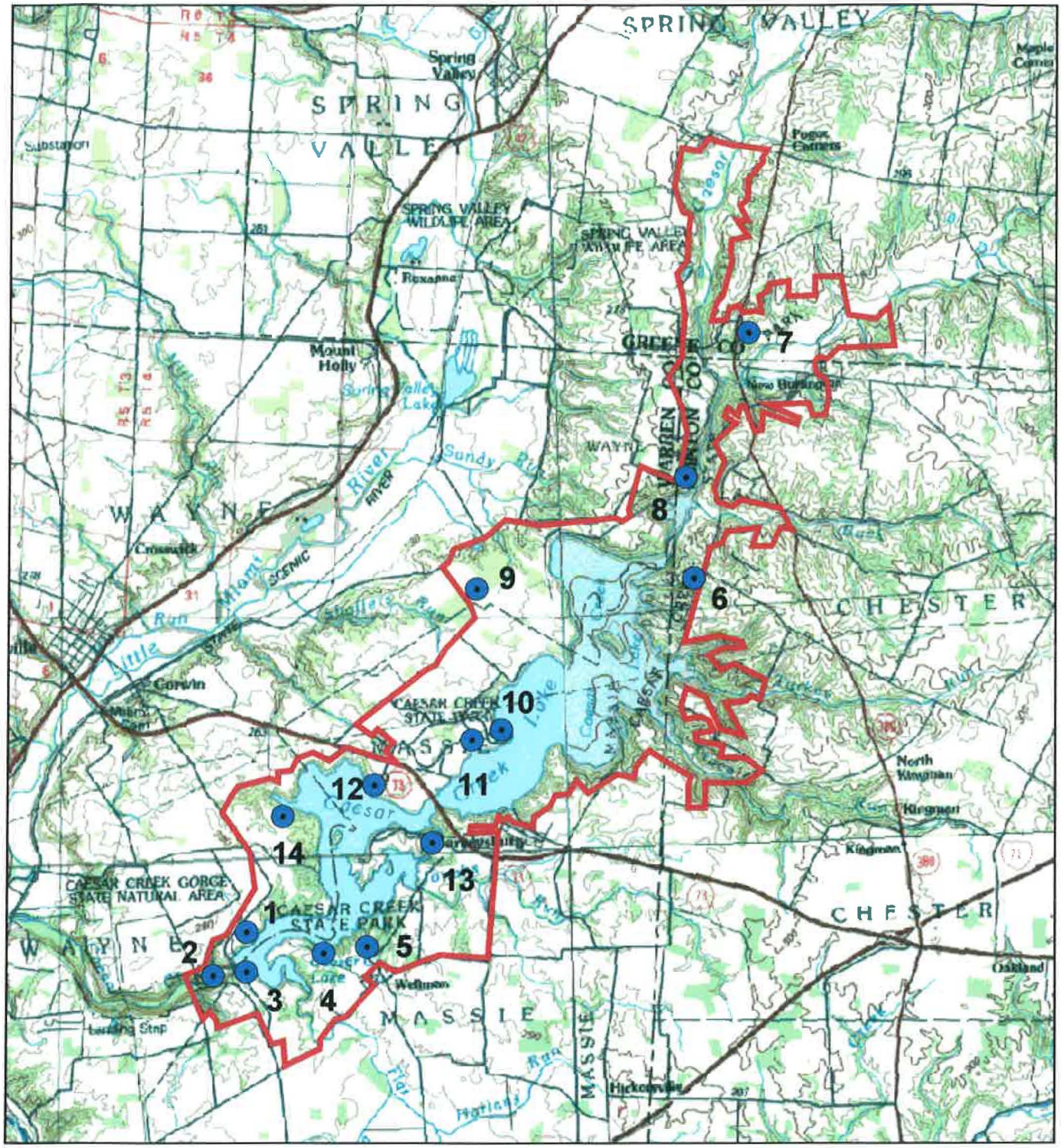
West Fork Lake (Hamilton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984	10	0	- -
1985	10	0	- -
1986	10	0	- -
1987	10	0	- -
1988	10	0	- -
1989	10	0	- -
1990	10	0	- -
1991	10	0	- -
1992	10	0	- -
1993	10	0	- -
1994	10	0	- -
1995	10	0	- -
1996	10	0	- -
1997	10	0	- -
1998	10	0	--
1999	8	10	All except # 7
2000	8	9	All except #2, 6
2001	8	3	--
2002	8	0	--
2003	8	0	--
2004	8	4	# 4, 6
2005	8	1	# 4

William H. Harsha Lake (Clermont County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	0	- -
1990	15	0	- -
1991	11	0	- -
1992	11	0	- -
1993	11	0	- -
1994	11	0	- -
1995	12	0	- -
1996	12	0	- -
1997	12	0	- -
1998	12	0	--
1999	12	14	# 1, 2, 3, 5, 7, 11, 12
2000	12	2	#2
2001	12	4	--
2002	12	0	--
2003	12	0	--
2004	12	0	--
2005	1	0	--

Figure 1a.--2005 gypsy moth trap locations at Caesar Creek Lake.



Legend

Trap locations

Approximate Project boundary

0 0.5 1 2 Miles

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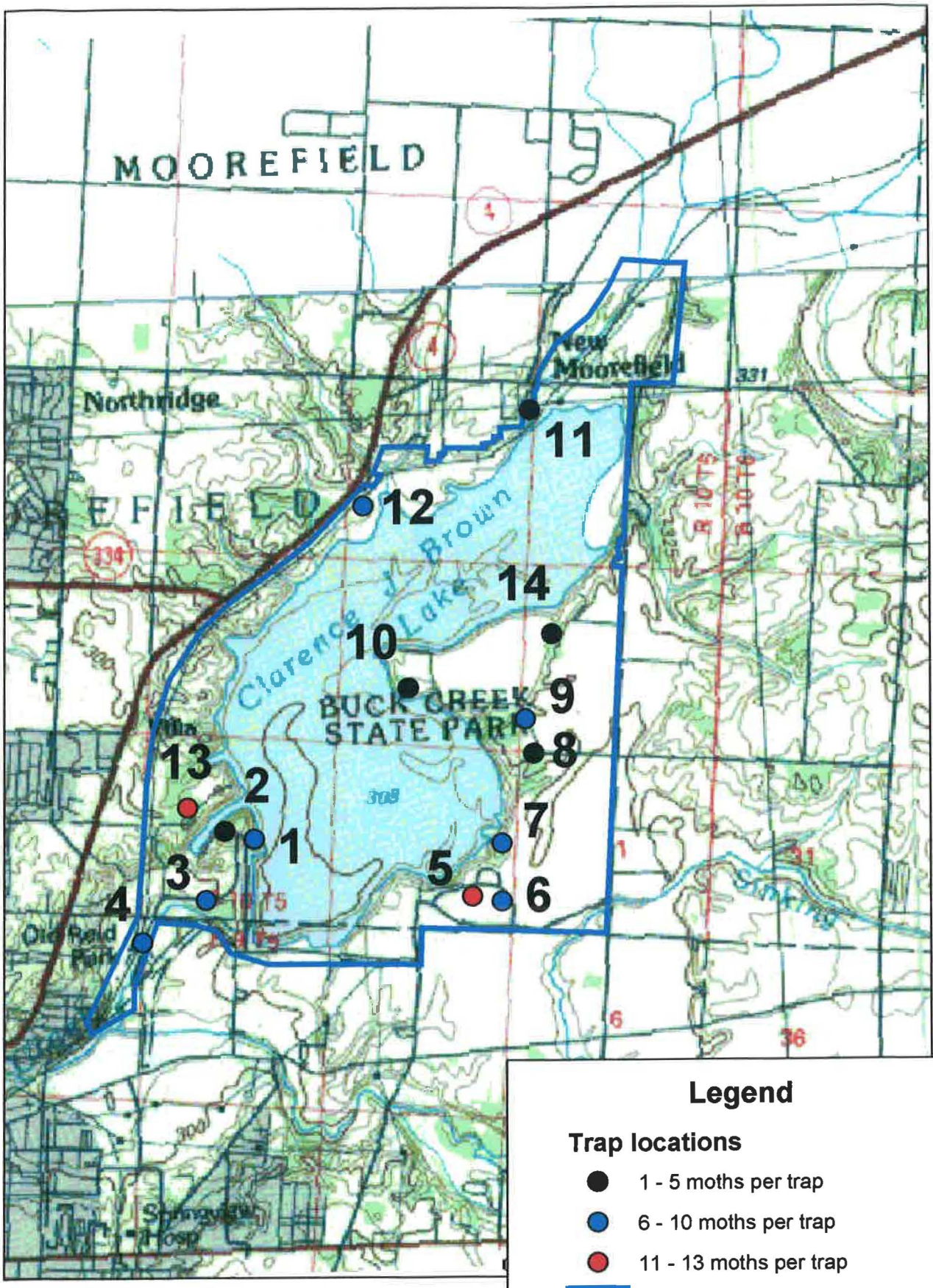
1/06 KDF

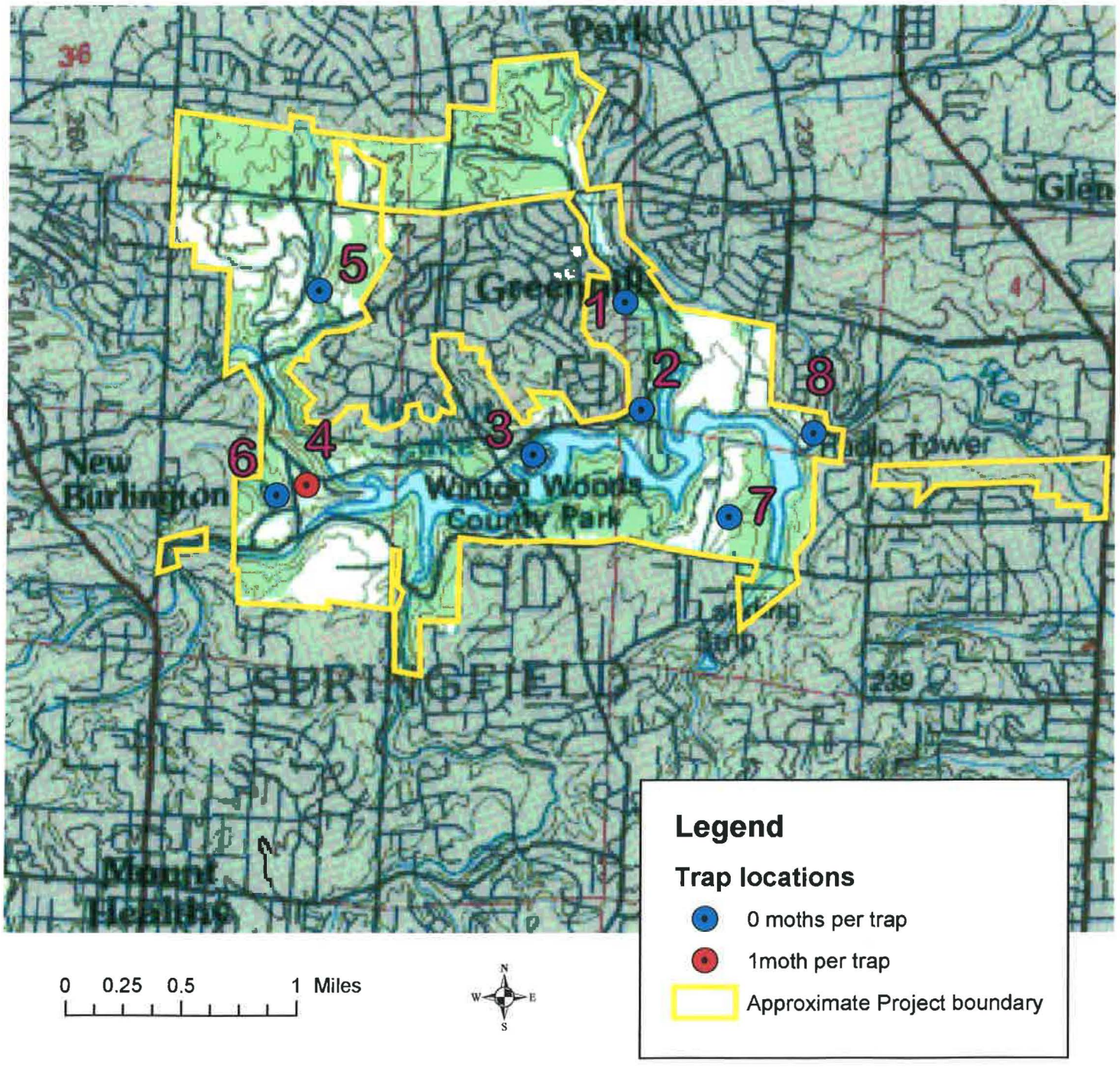
Figure 1b.--2005 gypsy moth trapping results at Calrence J. Brown Reservoir.



USDA Forest Service, State & Private Forestry, Morgantown, WV

1/06 KDF

Figure 1c.--2005 gypsy moth trap locations at West Fork Lake.



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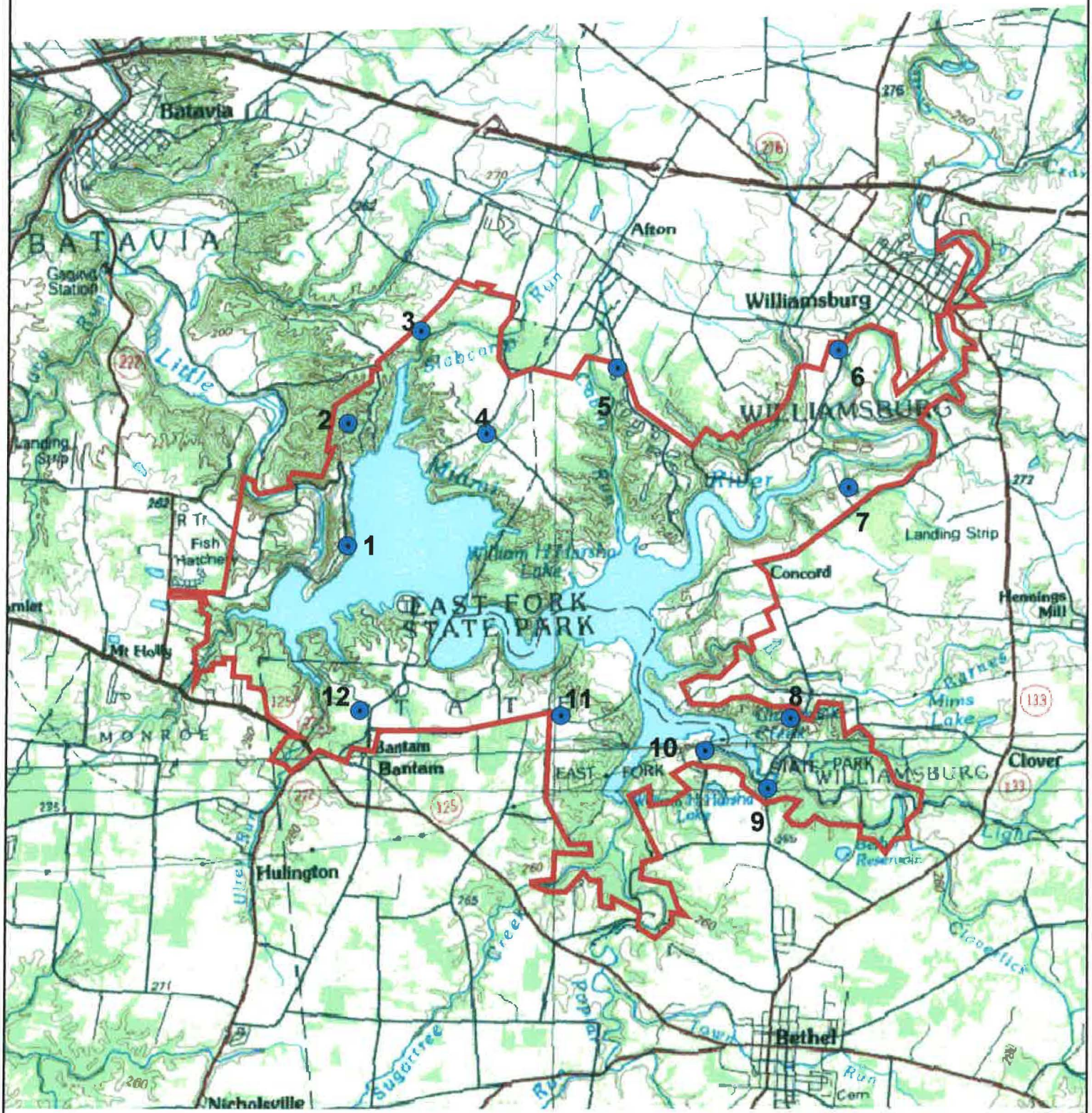
1/06 KDF

Figure 1d.--2005 gypsy moth trap locations at William H. Harsha Lake.



Legend

0 0.5 1 2 Miles

Trap locations

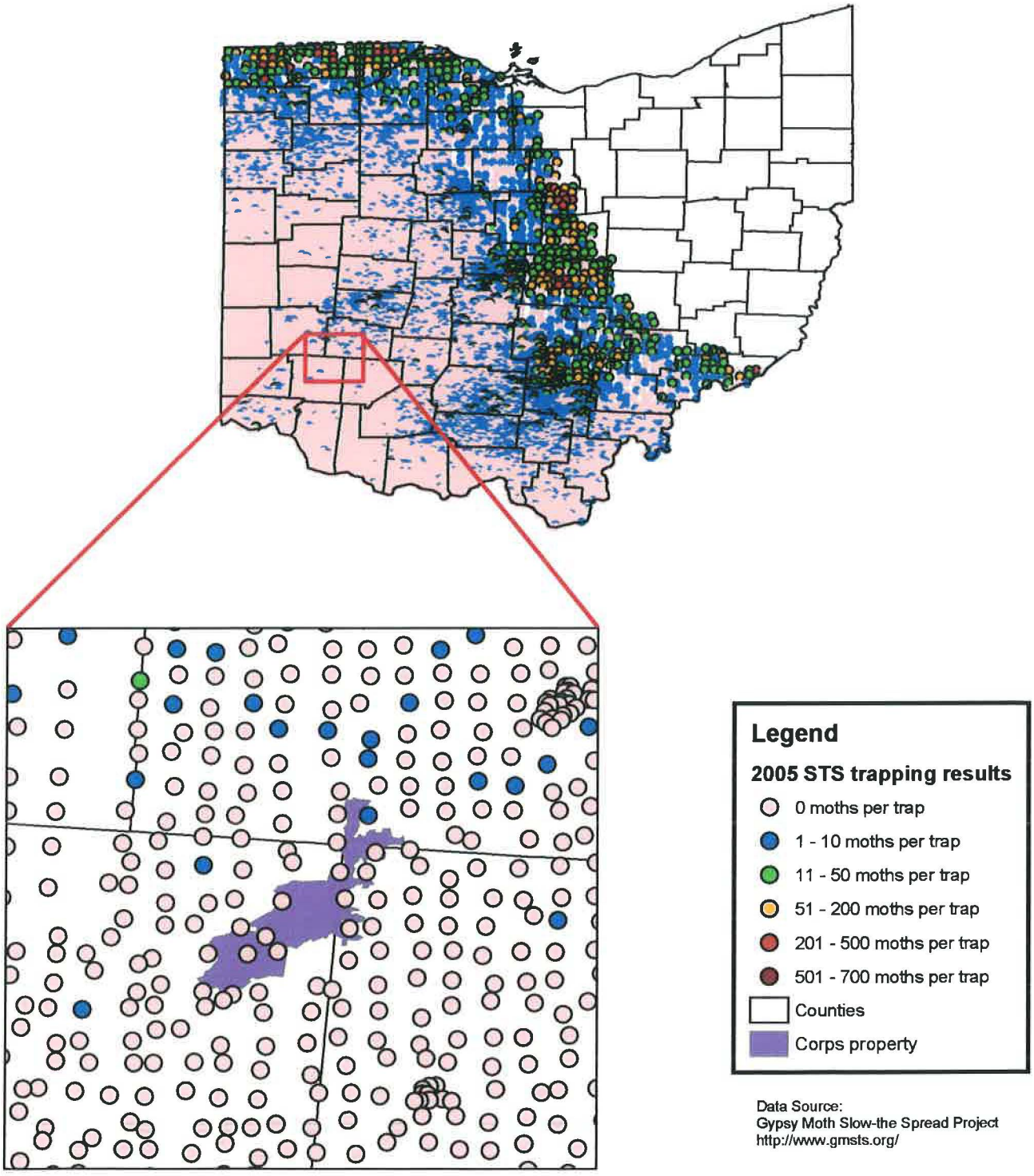
0 moths per trap

Approximate Project boundary

USDA Forest Service, State & Private Forestry, Morgantown, WV

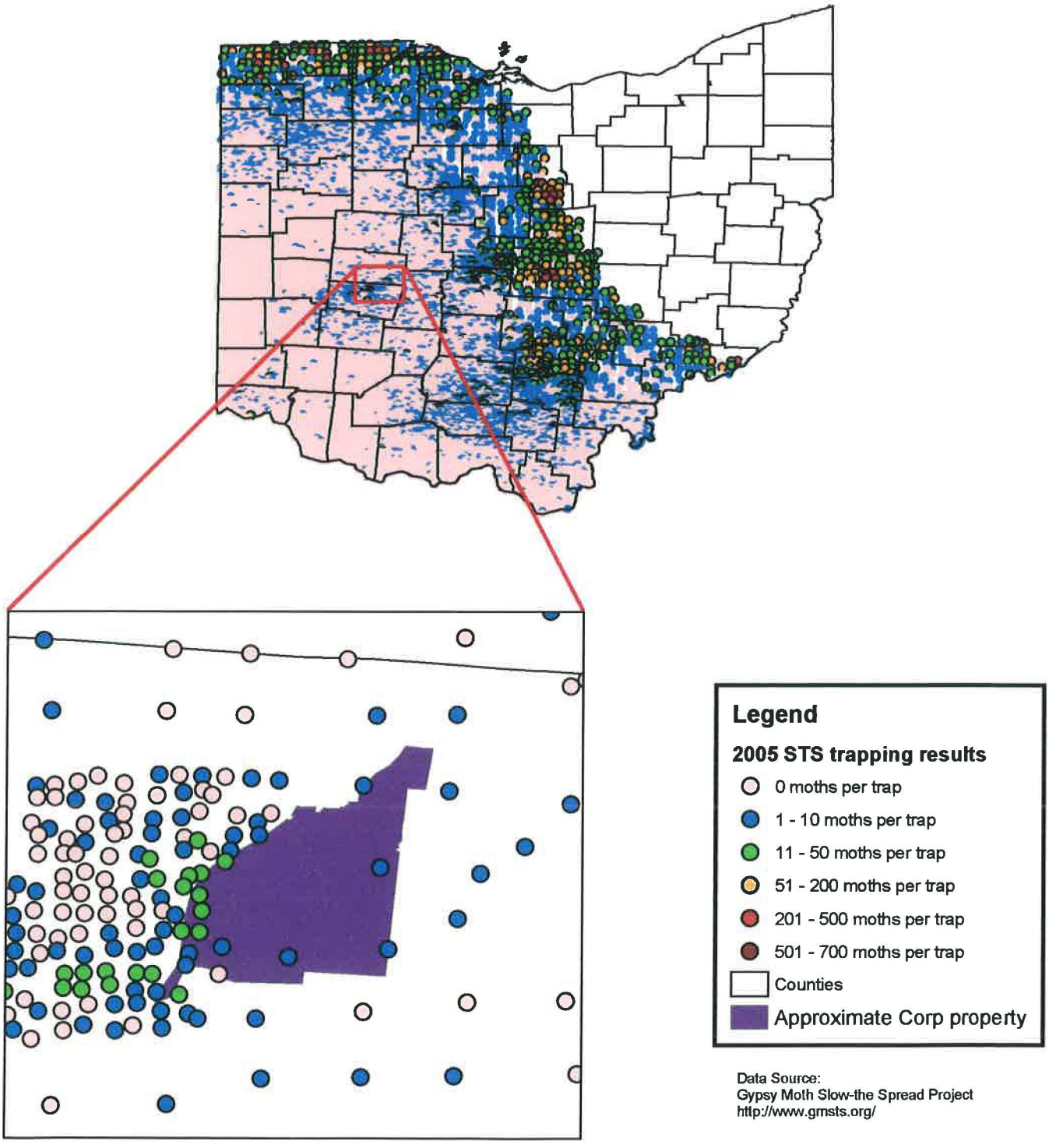
2/06 KDF

Figure 2a.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Caesar Creek Lake.


Legend
2005 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 700 moths per trap
Counties
Corps property

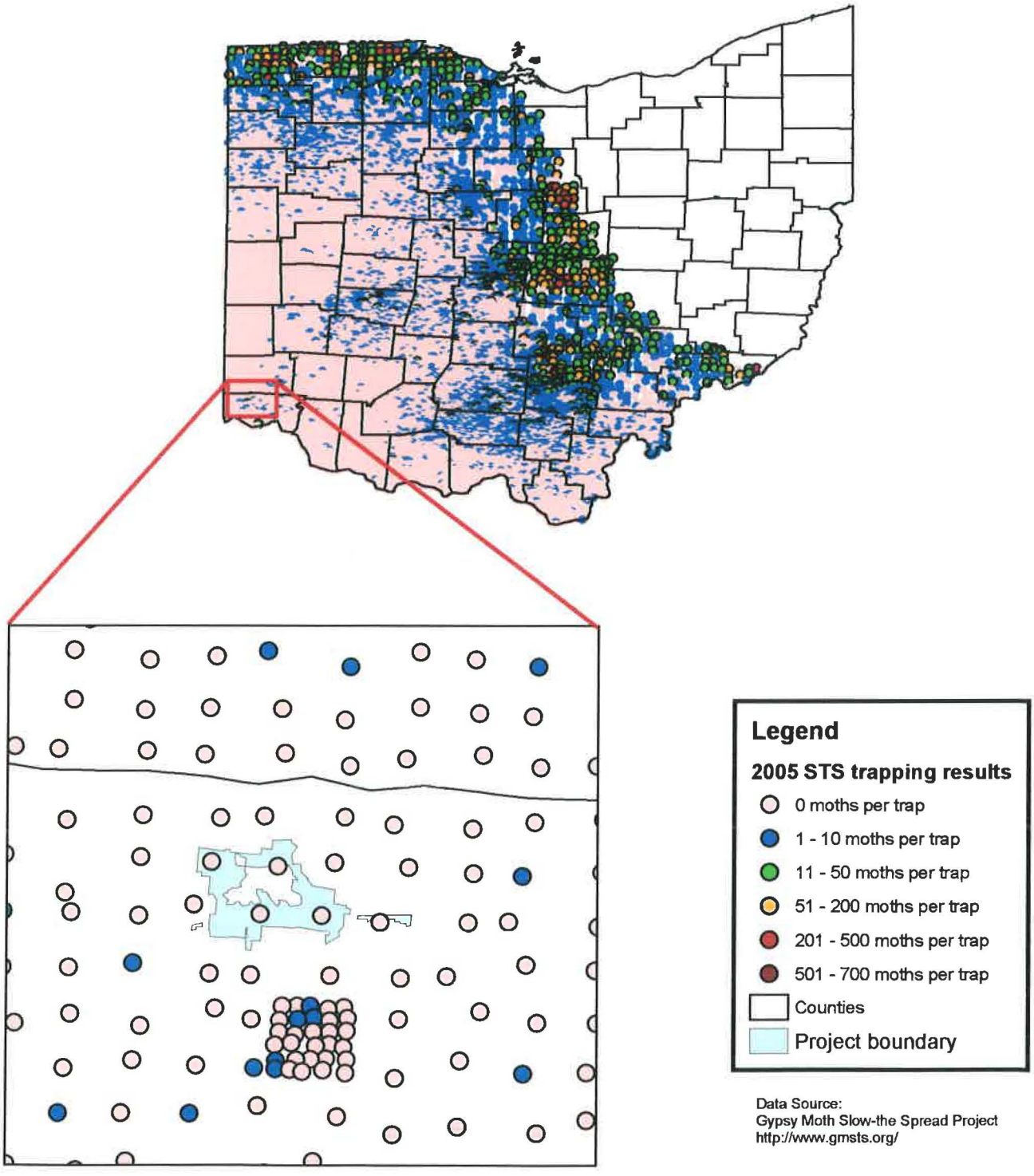
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2b.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of Clarence J Brown Reservoir.


Legend
2005 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 700 moths per trap
Counties
Approximate Corp property

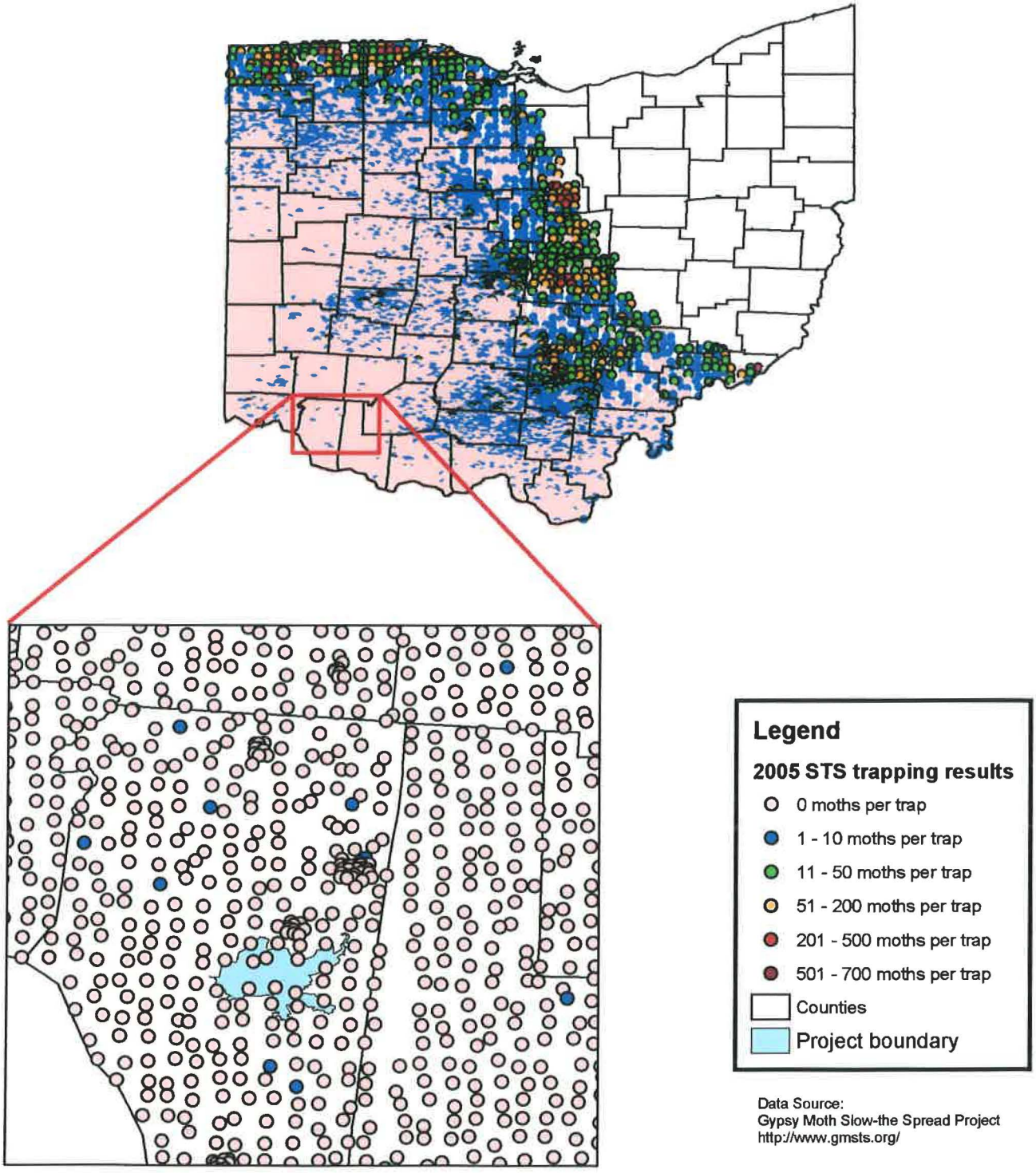
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2c.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of West Fork Lake.


Legend
2005 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 700 moths per trap
Counties
Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2d.--2005 Slow-the-Spread trapping results in Ohio and in the proximity of William H. Harsha Lake.


Legend
2005 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 700 moths per trap
Counties
Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/